

INFORMATION DISCLOSURE CITATION
Form PTO-1449 (Modified)
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ATTY. DOCKET NO.
UCSF088CON10/6/22,283
SERIAL NO.
09/795,914

APPLICANT

Stern et al.

FILING DATE

February 27, 2001

GROUP

1642

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
KG	AA	3,945,889	03/23/1976	Mima et al.			
KG	AB	5,427,779	06/27/1995	Elsner et al.			

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation
AC	WO 88/02261	04/07/88	PCT			Yes No
AD	WO 89/05329	06/15/89	PCT			
AE	WO 96/03497	02/08/96	PCT			

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AF	Afify et al., (1993) "Purification and Characterization of Human Serum Hyaluronidase" Arch. Biochem. Biophys. 305 (2):434-441.
AG	Baumgartner et al., (1988) "Phase I Study in Chemoresistant Loco-regional Malignant Disease with Hyaluronidase" Reg. Cancer Treat. 1:55-58
AH	Beckenlehrner et al., (1992) "Hyaluronidase Enhances the Activity of Adriamycin in Breast Cancer Models in Vitro and in Vivo" J. Cancer Res. Oncol. 118:591-596.
AI	Bonner et al., (1966) "Colorimetric Method for Determination of Serum Hyaluronidase Activity" Clinica Chimica Acta 13:746-752.
AJ	Bordier, (1981) "Phase Separation of Integral Membrane Proteins in Triton X-114 Solution" J. Biol. Chem. 256(4):1604-1607.
AK	Cashman et al., (1969) "The Hyaluronidase of Rat Skin" Arch. Biochem. Biophys. 135:387-395.
AL	Czejka et al., (1990) "Influence of hyaluronidase on the blood plasma levels of 5-fluorouracil in patients" Pharmazie 45:H.9.
AM	De Maeyer et al., (1992) "The Growth Rate of Two Transplantable Murine Tumors, 3LL Lung Carcinoma and B16F10 Melanoma, Is Influenced by Hyal-1, A Locus Determining Hyaluronidase Levels and Polymorphism" Int. J. Cancer 51:657-660.
AN	De Salegui et al., (1967) "A Comparison of Serum and Testicular Hyaluronidase" Arch. Biochem. Biophys. 121:548-554.
AO	Delpech et al., (1987) "An Indirect Enzymoimmunoassay for Hyaluronidase" J. Immunol. Methods 104:223-229.
AP	Doctor et al., (1983) "Isolation and Properties of a New Anticoagulant Protein from Commercial Bovine Testicular Hyaluronidase" Thrombosis Res. 30:565-571.

EXAMINER

Kagan G. Lipsky

DATE CONSIDERED

8/25/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION Form PTO-1449 (Modified) <i>(Use several sheets if necessary)</i>		ATTY. DOCKET NO. UCSF088CON	10/622,283 SERIAL NO. 09/795,914
		APPLICANT	Stern et al.
		FILING DATE February 27, 2001	GROUP 1642
AQ	Dorfman et al., (1948) "A Turbidimetric Method for the Assay of Hyaluronidase" J. Biol. Chem. 172:367-375.		
AR	Fenger et al (1982) "Purification of Human Serum Hyaluronidase Using Chromatofocusing." (J. Chromatogr. 240:173-179)		
AS	Fiszer-Szafarz et al., (1989) "Hyal-1, a Locus Determining Serum Hyaluronidase Polymorphism, in Chromosome 9 in Mice" Somat. Cell. Mol. Genet. 15:79-83.		
AT	Fiszer-Szafarz et al., (1995) "Hyaluronidase in Human Somatic Tissues and Urine: Polymorphism and the Activity in Diseases," Acta Biochim. Pol. 42:31-3.		
AU	Gabizon (1995) "Stealth Liposomes and Cancer Targeting: A Realistic Compromise in Drug Delivery." (J. Liposome Res., 5:704-710)		
AV	GenBank accession No. U03056, deposited Nov. 1, 1993.		
AW	Gregoriadis et al. (1993) "Liposomes in drug delivery. Clinical, diagnostic and ophthalmic potential." (Drugs, 45:15-28)		
AX	Guenther et al., (1992) "A Substrate-Gel Assay for Hyaluronidase Activity" Matrix 12:388-396.		
AY	Harrison et al., (1988) "Multiple Forms of Ram and Bull Sperm Hyaluronidase Revealed by Using Monoclonal Antibodies" J. Reprod. Fertil. 82:777-785.		
AZ	Hegi et al., (1994) "Allelotype Analysis of Mouse Lung Carcinomas Reveals Frequent Allelic Losses on Chromosome 4 and an Association between Allelic Imbalances on Chromosome 6 and K-ras Activation," Cancer Research 54, pp 6257-6264.		
BA	Horn et al., (1985) "Intravesical Chemotherapy of Superficial Bladder Tumors in a Controlled Trial with Cis-Platinum Versus Cis-Platinum Plus Hyaluronidase" J. Surg. Oncol. 28:304-307.		
BB	Johnstone et al. (1987) (Immunochemistry in Practice, Blackwell Scientific Publications, Oxford, pp. 30-31)		
BC	Kimata et al., (1983) "Increased Synthesis of Hyaluronic Acid by Mouse Mammary Carcinoma Cell Variants with High Metastatic Potential" Cancer Res. 43:1347-1354.		
BD	Kohno et al., (1994) "Effects of Hyaluronidase on Doxorubicin Penetration into Squamous Carcinoma Multicellular Tumor Spheroids and Its Cell Lethality" J. Cancer Res. Clin. Oncol. 120:293-297.		
BE	Kolarova et al., (1970) "Host-Tumour Relationship XXIX. Hyaluronidase Activity and Seromucoid Concentration in Blood Serum of Patients with Cancer" Neoplasma 17:641-648.		
BF	Komender et al., (1973) "Isolation of Hyaluronidase from Kidney Extract," Bull. Acad. Pol. Sci. (Biol.) 21:637-41.		
BG	Kreil, (1995) "Hyaluronidases--A Group of Neglected Enzymes" Protein Sci. 4:1666-1669.		
BH	Lenny et al., (1966) "Mammalian Glycosidases and Their Inhibition by Aldonolactones" Method Enzymol. 8:571-584.		
BI	Lien et al., (1990) "Collagen, Proteoglycan and Hyaluronidase Activity in Cultures from Normal and Scoliotic Chicken Fibroblasts" Biochim. Biophys. Acta. 1034:318-325.		
BJ	Liu et al., (1996) "Expression of Hyaluronidase by TUMOR Cells Induces Angiogenesis In Vivo" Proc. Natl. Acad. Sci. USA 93 (15):7832-7837		
BK	Margolis et al., (1972) "The Hyaluronidase of Brain," J. Neurochem. 19:2325-32		
BL	Natowicz et al., (1996) "Clinical and Biochemical Manifestations of Hyaluronidase Deficiency" N. Engl. J. Med. 335 (14):1029-1033.		

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Kagan G. Yossef

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INFORMATION DISCLOSURE CITATION Form PTO-1449 (Modified) (Use several sheets if necessary)		ATTY. DOCKET NO. UCSF088CON	SERIAL NO. 10/622,285 09/795,914
		APPLICANT Stern et al.	
		FILING DATE February 27, 2001	GROUP 1642
BM	Natowicz, et al., (1996) "Human Serum Hyaluronidase: Characterization of a Clinical Assay," Clinical. Chimica. Acta., 245:1-6		
BN	Northrup et al., (1973) "Development of the Hyaluronidase Activity Assay As A Cancer Screening Test" Clin. Biochem. 6:220-228.		
BO	Palowski et al., (1981) "The Effects of Hyaluronidase Upon Tumor Formation in BALB/c Mice Irradiated with Ultraviolet Light" Carcinogenesis (Proceedings of the 17th Annual Meeting of the American Society of Clinical Oncology), Washington, D.C., 22:105, (abstract 415).		
BP	Pawlowski et al., (1979) "Effects of Hyaluronidase Upon Tumor Formation in BALB/c Mice Painted with 7,12-Dimethylbenz-(α)Anthracene" Int. J. Cancer 23:105-109.		
BQ	Reissig et al., (1955) "A Modified Colorimetric Method for the Estimation of N-Acetylaminosugars" J. Biol. Chem. 217:959-966.		
BR	Ruggiero et al., (1987) "Hyaluronidase Activity of Rabbit Skin Wound Granulation Tissue Fibroblasts" J. Dent. Res. 66(7):1283-1287.		
BS	Scheithauer et al., (1988) "In Vitro Evaluation of the Anticancer Drug Modulatory Effect of Hyaluronidase in Human Gastrointestinal Cell Lines" Anticancer Res. 8:391-396.		
BT	Schuller et al., (1991) "Pharmacokinetics of Intrahepatic 5-Fluorouracil \pm Preinjected Hyaluronidase (Neopermease, N)" Proc. Amer. Assoc. Cancer Res. 32:173, (Abstract No. 1034).		
BU	Stern et al., (1992) "An Elisa-Like Assay for Hyaluronidase and Hyaluronidase Inhibitors" Matrix 12:397-403.		
BV	Thet et al., (1983) "Changes In Lung Hyaluronidase Activity Associated with Lung Growth, Injury and Repair" Biochem. Biophys. Res. Commun. 117:71-77.		
BW	Underhill, (1991) "CD44: The Hyaluronan Receptor" J. Cell Science 103:293-298.		
BX	van den Berg et al., (1995) "Exogenous Glycosyl Phosphatidylinositol-anchored CD59 Associates with Kinases in Membrane Clusters on U937 Cells and Becomes Ca^{2+} -signaling Competent" J. Cell Biology 131(3):669-677.		
BY	Wolf et al., (1982) "The Serum Kinetics of Bovine Testicular Hyaluronidase in Dogs, Rats and Humans" J. Pharmacol. Exper. Therap. 222(2):331-337.		
BZ	Zanker et al., (1986) "Induction of Response in Previous Chemotherapy Resistant Patients by Hyaluronidase" Proc. Amer. Assoc. Cancer Res. 27:390 (Abstract 1550).		

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EXAMINER Kieran C. Lewis	DATE CONSIDERED 8/28/04
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